



MISSION

NAVFAC Environmental Restoration delivers sustainable, innovative, cost effective remediation solutions with stakeholder engagement, to protect human health and the environment, maintain regulatory compliance, and maximize reuse of DON assets to support the warfighter.

VISION

NAVFAC Environmental Restoration is the recognized Federal leader for responsive, best value, and sustainable remediation solutions.

NAVFAC Graded Sampling and Analysis Plan Approach

March 2012

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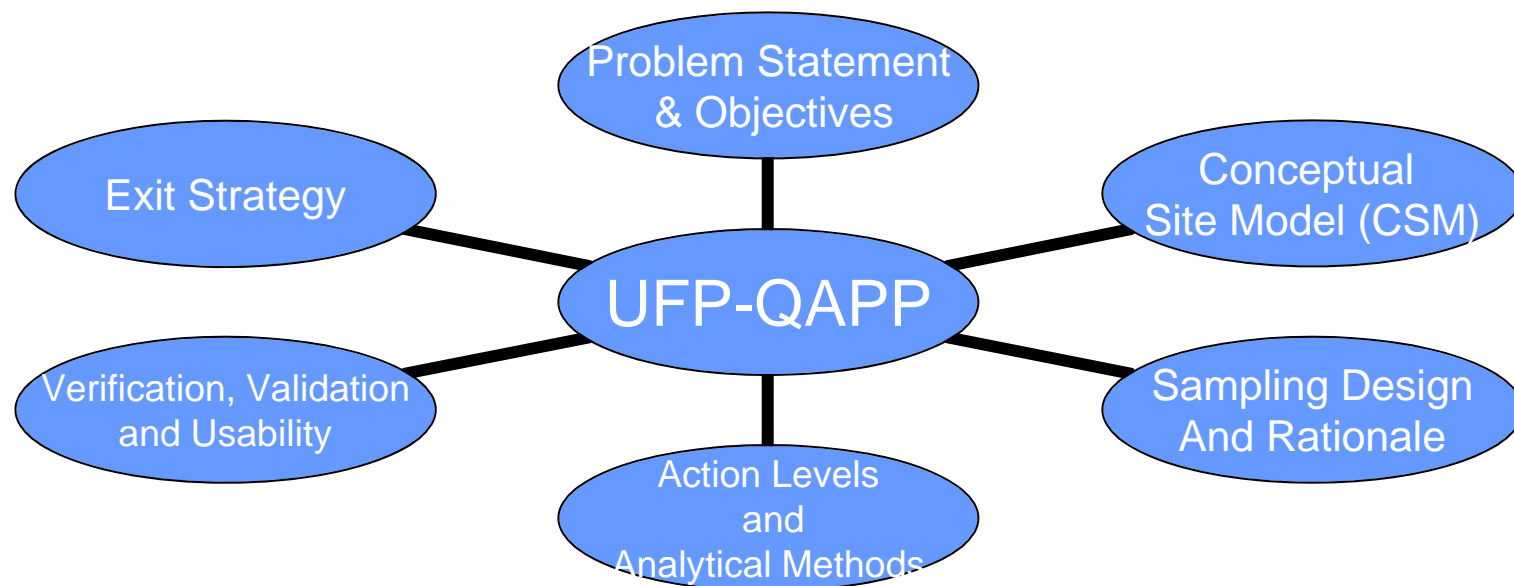
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NAVFAC SAP Goals



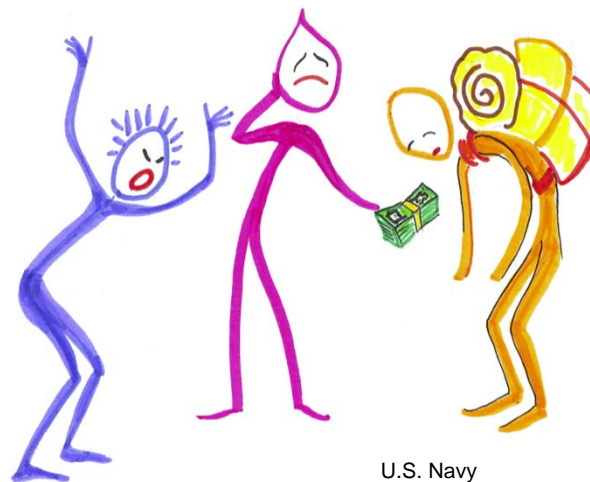
- **Consistent Document Organization**
- **Adoption of Systematic Planning**
- **37 Worksheets capture all elements**
- **Documenting Data Needed and How Used**



Concerns



- **Costly - time and money**
- **One size**
- **Too many players – technical experts**
- **Some worksheets don't fit**



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Listened to the Users



- **Contractors**
- **RPMs**
- **NAVFAC Commands**
- **Document Reviewers – Chemists**

- **One size no longer fit all**

Waivers and Small Projects



- **What streamlined formats had been developed so far?**
 - Established waiver for UST program
 - Addendums
 - Linking to other site documents
- **Had begun developing a smaller document for smaller projects**
 - Consistent due to communication, needed to develop template

A few years...many QAPPs later



- **Develop a new template for a streamlined document**
- **Document the core requirements of every SAP**

Outcome



- **Graded approach flexibility**
 - Site specific
 - Consider project importance or sensitivity
 - May require 37 worksheets
 - Well received
- **Tier I – Full 37 Worksheets**
 - Significant stakeholder concerns
 - Contentious or complicated
 - High visibility projects
 - Higher risk



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Outcome continued



- **Tier II**

- 17 Worksheets removed
- Projects smaller in scope
- Meets goals of project
- Lower risk

- **Master SAP**

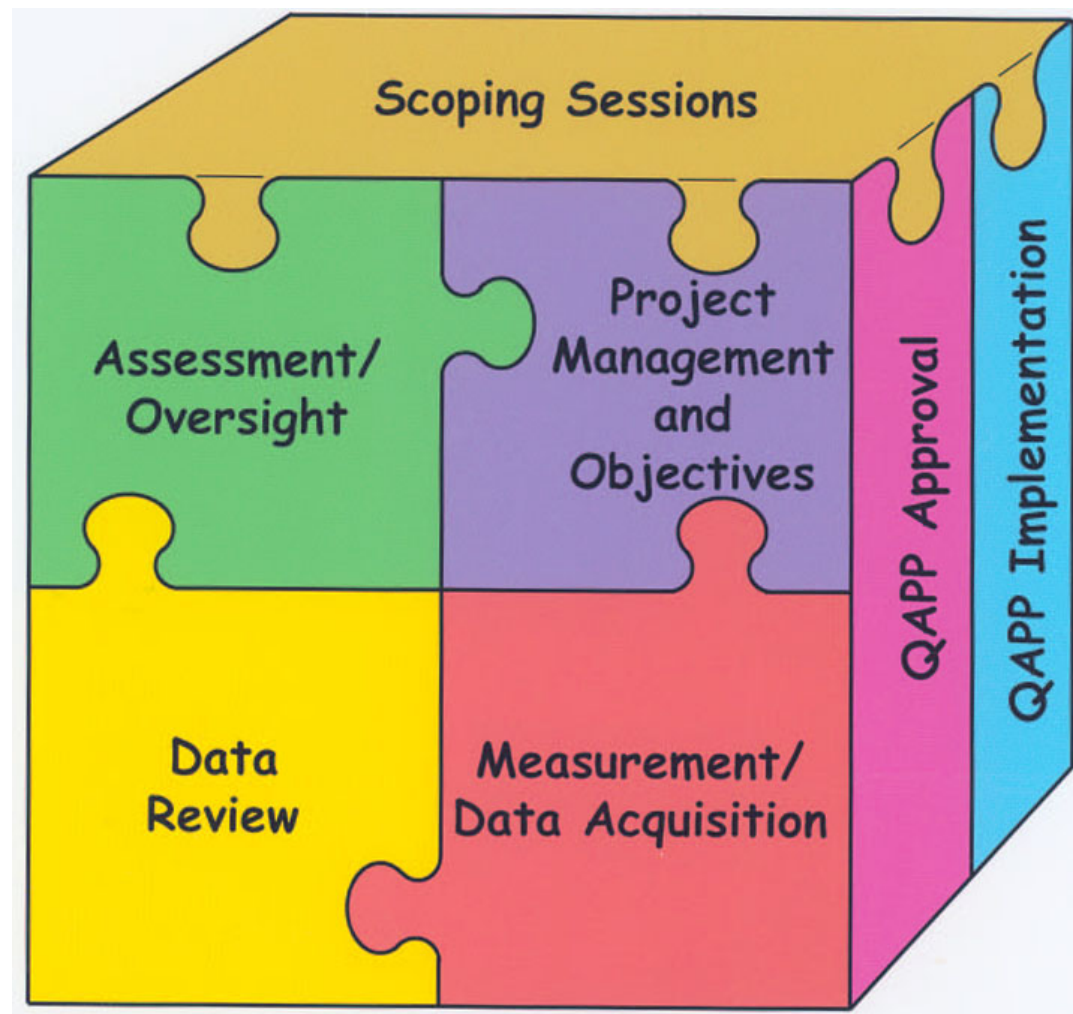
- Facility Specific
- Consistent CERCLA phase
 - Amended with laboratory specific information and CSM updates
- Considering Process Specific

Requirements



- **Full agreement of all team members**
- **Agreement with QA reviewer.**
- **Tier II worksheets are the vital pages, other pages are put back in based upon needs of project.**

Components of the QAPP Explored



Tier II – Project Management & Objectives



- **Title and Approval Page**
- **Organizational Chart**
- **Communication Pathways**
- **Project Planning (Scoping)**
- **Conceptual Site Model**
- **DQOs and Systematic Planning**
- **Reference Limits and Evaluation Tables**

Tier II – Measurement/Data Acquisition



- **Field Quality Control Samples**
- **Sampling Design and Rationale**
- **Field Project Instructions**
- **Field SOPs and/or applicable information**
- **Information from Analytical SOPs**
- **Lab QC Samples**

Tier II - Data Review



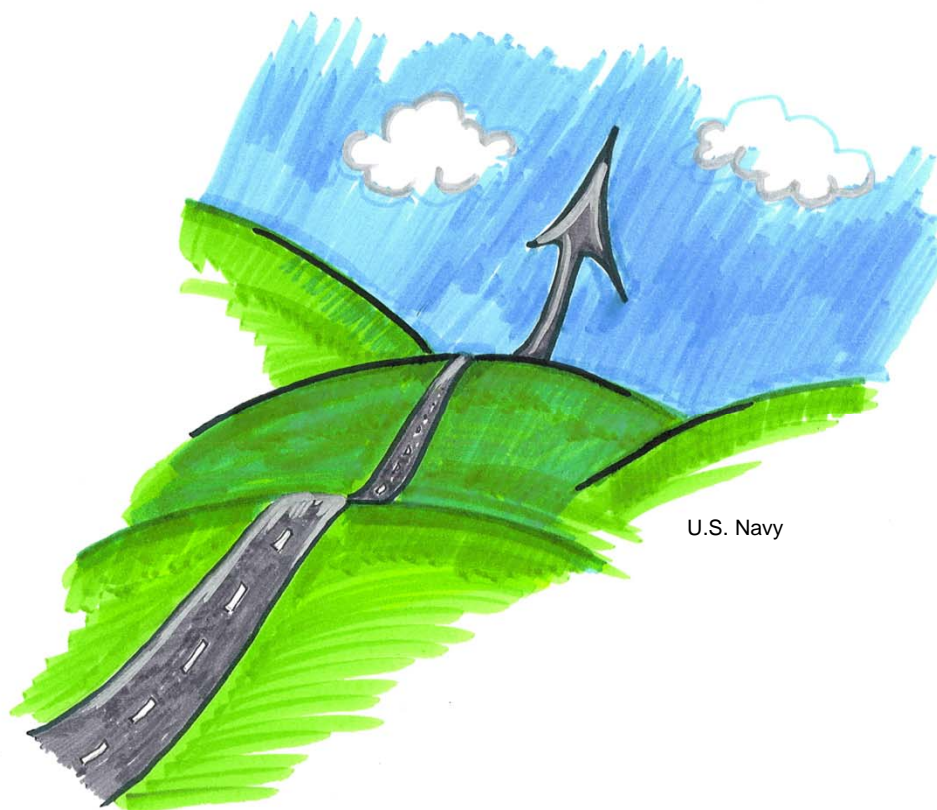
- **Data Verification and Validation**
- **Data Usability**

Where are we?



- **Graded approach - Not every WS always relevant.**
- **Elements captured elsewhere**
 - Navy processes
 - Navy documents
- **Formalizing – provides starting point**
- **Presented to Intergovernmental Data Quality Task Force (IDQTF)**
- **Participating Entities**
 - NAVFAC Community
 - DoD - EDQW
 - Regulatory Community

Innovation – Sky's the Limit



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